



11-19-98

2001/1756-
\$

PTO/SB/17 (11-00)
Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2001

Patent fees are subject to annual revision.

Complete if Known

Application Number	09/465,006
Filing Date	December 16, 1999
First Named Inventor	Michael HECKMEIER et al.
Examiner Name	Shean Chiu Wu
Group / Art Unit	1756
Attorney Docket No.	MERCK-2073

TOTAL AMOUNT OF PAYMENT (\$) 1190

METHOD OF PAYMENT (check one)				FEE CALCULATION (continued)																																																																																																																																																				
<p>1. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:</p> <p>Deposit Account Number: 13-3402</p> <p>Deposit Account Name: Millen, White, Zelano & Branigan, P.C.</p> <p><input checked="" type="checkbox"/> Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17</p> <p><input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27</p>				<p>3. ADDITIONAL FEES</p> <table border="1"><thead><tr><th>Fee Code</th><th>Large Entity Fee (\$)</th><th>Small Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1051</td><td>130</td><td>2051</td><td>65</td><td></td></tr><tr><td>1052</td><td>50</td><td>2052</td><td>25</td><td></td></tr><tr><td>1053</td><td>130</td><td>1053</td><td>130</td><td></td></tr><tr><td>1812</td><td>2,520</td><td>1812</td><td>2,520</td><td></td></tr><tr><td>1804</td><td>920*</td><td>1804</td><td>920*</td><td></td></tr><tr><td>1805</td><td>1,840*</td><td>1805</td><td>1,840*</td><td></td></tr><tr><td>1251</td><td>110</td><td>2251</td><td>55</td><td></td></tr><tr><td>1252</td><td>420</td><td>2252</td><td>210</td><td>420</td></tr><tr><td>1253</td><td>950</td><td>2253</td><td>475</td><td></td></tr><tr><td>1254</td><td>1,480</td><td>2254</td><td>740</td><td></td></tr><tr><td>1255</td><td>2,010</td><td>2255</td><td>1,005</td><td></td></tr><tr><td>1401</td><td>330</td><td>2401</td><td>165</td><td></td></tr><tr><td>1402</td><td>330</td><td>2402</td><td>165</td><td></td></tr><tr><td>1403</td><td>290</td><td>2403</td><td>145</td><td></td></tr><tr><td>1451</td><td>1,510</td><td>1451</td><td>1,510</td><td></td></tr><tr><td>1452</td><td>110</td><td>2452</td><td>55</td><td></td></tr><tr><td>1453</td><td>1,330</td><td>2453</td><td>665</td><td></td></tr><tr><td>142</td><td>1,330</td><td>242</td><td>665</td><td></td></tr><tr><td>1502</td><td>480</td><td>2502</td><td>240</td><td></td></tr><tr><td>1503</td><td>640</td><td>2503</td><td>320</td><td></td></tr><tr><td>1460</td><td>130</td><td>1460</td><td>130</td><td></td></tr><tr><td>1807</td><td>130</td><td>1807</td><td>130</td><td></td></tr><tr><td>1806</td><td>180</td><td>1806</td><td>180</td><td></td></tr><tr><td>8021</td><td>40</td><td>8021</td><td>40</td><td></td></tr><tr><td>1809</td><td>770</td><td>2809</td><td>385</td><td></td></tr><tr><td>1810</td><td>770</td><td>2810</td><td>385</td><td></td></tr><tr><td>1801</td><td>770</td><td>2801</td><td>385</td><td>770</td></tr><tr><td>1802</td><td>900</td><td>1802</td><td>900</td><td></td></tr></tbody></table>				Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid	1051	130	2051	65		1052	50	2052	25		1053	130	1053	130		1812	2,520	1812	2,520		1804	920*	1804	920*		1805	1,840*	1805	1,840*		1251	110	2251	55		1252	420	2252	210	420	1253	950	2253	475		1254	1,480	2254	740		1255	2,010	2255	1,005		1401	330	2401	165		1402	330	2402	165		1403	290	2403	145		1451	1,510	1451	1,510		1452	110	2452	55		1453	1,330	2453	665		142	1,330	242	665		1502	480	2502	240		1503	640	2503	320		1460	130	1460	130		1807	130	1807	130		1806	180	1806	180		8021	40	8021	40		1809	770	2809	385		1810	770	2810	385		1801	770	2801	385	770	1802	900	1802	900	
Fee Code	Large Entity Fee (\$)	Small Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																				
1051	130	2051	65																																																																																																																																																					
1052	50	2052	25																																																																																																																																																					
1053	130	1053	130																																																																																																																																																					
1812	2,520	1812	2,520																																																																																																																																																					
1804	920*	1804	920*																																																																																																																																																					
1805	1,840*	1805	1,840*																																																																																																																																																					
1251	110	2251	55																																																																																																																																																					
1252	420	2252	210	420																																																																																																																																																				
1253	950	2253	475																																																																																																																																																					
1254	1,480	2254	740																																																																																																																																																					
1255	2,010	2255	1,005																																																																																																																																																					
1401	330	2401	165																																																																																																																																																					
1402	330	2402	165																																																																																																																																																					
1403	290	2403	145																																																																																																																																																					
1451	1,510	1451	1,510																																																																																																																																																					
1452	110	2452	55																																																																																																																																																					
1453	1,330	2453	665																																																																																																																																																					
142	1,330	242	665																																																																																																																																																					
1502	480	2502	240																																																																																																																																																					
1503	640	2503	320																																																																																																																																																					
1460	130	1460	130																																																																																																																																																					
1807	130	1807	130																																																																																																																																																					
1806	180	1806	180																																																																																																																																																					
8021	40	8021	40																																																																																																																																																					
1809	770	2809	385																																																																																																																																																					
1810	770	2810	385																																																																																																																																																					
1801	770	2801	385	770																																																																																																																																																				
1802	900	1802	900																																																																																																																																																					
<p>2. <input checked="" type="checkbox"/> Payment Enclosed:</p> <p><input checked="" type="checkbox"/> Check <input type="checkbox"/> Credit card <input type="checkbox"/> Money Order <input type="checkbox"/> Other</p>																																																																																																																																																								
<p>FEE CALCULATION</p> <p>1. BASIC FILING FEE</p> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1001</td><td>770</td><td>2001</td><td>385</td><td>Utility filing fee</td><td></td></tr><tr><td>1002</td><td>340</td><td>2002</td><td>170</td><td>Design filing fee</td><td></td></tr><tr><td>1003</td><td>530</td><td>2003</td><td>265</td><td>Plant filing fee</td><td></td></tr><tr><td>1004</td><td>770</td><td>2004</td><td>385</td><td>Reissue filing fee</td><td></td></tr><tr><td>1005</td><td>160</td><td>2005</td><td>80</td><td>Provisional filing fee</td><td></td></tr></tbody></table> <p>SUBTOTAL (1) (\$) 0</p>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1001	770	2001	385	Utility filing fee		1002	340	2002	170	Design filing fee		1003	530	2003	265	Plant filing fee		1004	770	2004	385	Reissue filing fee		1005	160	2005	80	Provisional filing fee																																																																																																																		
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																			
1001	770	2001	385	Utility filing fee																																																																																																																																																				
1002	340	2002	170	Design filing fee																																																																																																																																																				
1003	530	2003	265	Plant filing fee																																																																																																																																																				
1004	770	2004	385	Reissue filing fee																																																																																																																																																				
1005	160	2005	80	Provisional filing fee																																																																																																																																																				
<p>2. EXTRA CLAIM FEES</p> <p>Total Claims: -20** = 0 X Fee from below = 0</p> <p>Independent Claims: -3** = 0 X Fee from below = 0</p> <p>Multiple Dependent: X Fee from below = 0</p> <table border="1"><thead><tr><th>Large Fee Code</th><th>Entity Fee (\$)</th><th>Small Fee Code</th><th>Entity Fee (\$)</th><th>Fee Description</th><th>Fee Paid</th></tr></thead><tbody><tr><td>1202</td><td>18</td><td>2202</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>1201</td><td>86</td><td>2201</td><td>43</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>1203</td><td>290</td><td>2203</td><td>145</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>1204</td><td>86</td><td>2204</td><td>43</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>1205</td><td>18</td><td>2205</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr></tbody></table> <p>SUBTOTAL (2) (\$) 0</p>				Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid	1202	18	2202	9	Claims in excess of 20		1201	86	2201	43	Independent claims in excess of 3		1203	290	2203	145	Multiple dependent claim, if not paid		1204	86	2204	43	** Reissue independent claims over original patent		1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																		
Large Fee Code	Entity Fee (\$)	Small Fee Code	Entity Fee (\$)	Fee Description	Fee Paid																																																																																																																																																			
1202	18	2202	9	Claims in excess of 20																																																																																																																																																				
1201	86	2201	43	Independent claims in excess of 3																																																																																																																																																				
1203	290	2203	145	Multiple dependent claim, if not paid																																																																																																																																																				
1204	86	2204	43	** Reissue independent claims over original patent																																																																																																																																																				
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent																																																																																																																																																				
<p>*or number previously paid, if greater; For Reissues, see above</p>				<p>Other fee (specify) _____</p> <p>*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 1190</p>																																																																																																																																																				

SUBMITTED BY		Complete (if applicable)			
Name (Print/Type)	John A. Sopp	Registration No. Attorney/Agent	33,103	Telephone	(703) 243-6333
Signature		Date	November 14, 2003		

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.